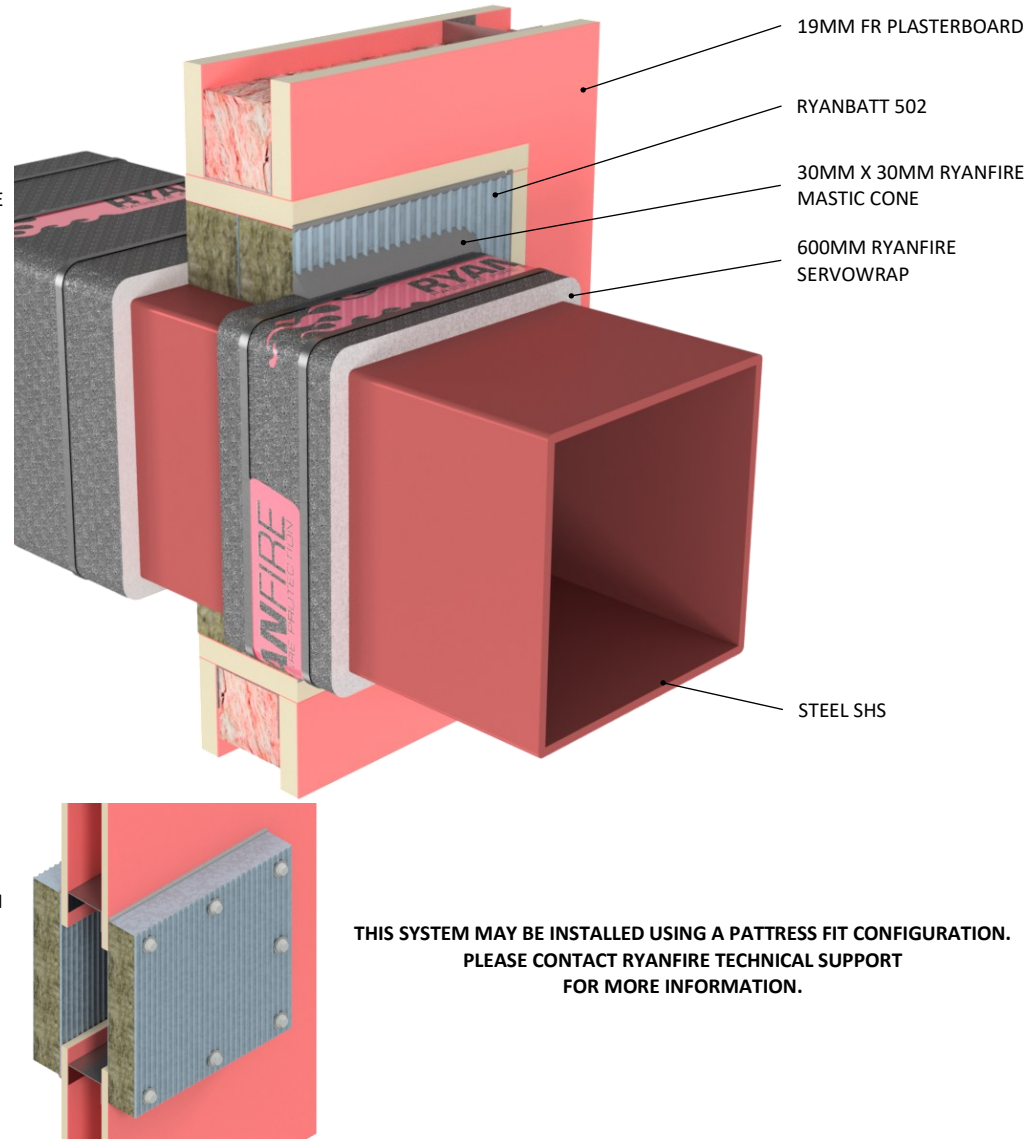


INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN AND FREE OF DUST AND DEBRIS.
2. CUT THE RYANBATT 502 TO THE REQUIRED SIZE TO FIT TIGHTLY INTO THE FULLY LINED APERTURE.
3. CUT THE RYANBATT 502 TO FIT TIGHTLY AROUND THE STEEL.
4. CUT THE RYANBATT ACROSS THE SHORTEST DIMENSION INCORPORATING THE MIDPOINT OF THE PENETRATION TO ENABLE THE BOARD TO BE FITTED INTO THE APERTURE.
5. APPLY RYANFIRE BRUSH GRADE MASTIC TO ALL THE INTERNAL EDGES OF THE APERTURE AND TO ALL THE EXPOSED & CUT EDGES OF THE RYANBATT.
6. INSERT THE RYANBATT INTO THE OPENING TO SIT FLUSH WITH THE SURFACE OF THE WALL.
7. APPLY A BEAD OF RYANFIRE MASTIC TO THE JOINT BETWEEN THE RYANBATT AND THE SHS.
8. APPLY A 5MM BEAD OF RYANFIRE MASTIC TO THE PERIMETER OF THE RYANBATT AND TO ANY JOINTS AND GAPS.
9. WRAP 1 LAYER OF 300MM WIDE RYANFIRE SERVOWRAP AROUND THE SHS WITH A 100MM OVERLAP. PRESS THE SERVOWRAP UP AGAINST THE SURFACE OF THE RYANBATT. INSTALL A SECOND LAYER 300MM WIDE SERVOWRAP, BUTTING UP AGAINST THE FIRST LAYER. THE SERVOWRAP SHOULD EXTEND 600MM ON EACH SIDE OF THE PENETRATION
10. SECURE THE SERVOWRAP AROUND THE BEAM USING STEEL CABLE TIES 50MM FROM EACH END AND ONE NOMINALLY IN THE CENTRE.
11. APPLY A 30X30MM BEAD OF RYANFIRE MASTIC TO THE JOINT BETWEEN THE SERVOWRAP AND THE RYANBATT.
12. SEAL ANY EXPOSED EDGES OF THE SERVOWRAP USING FOIL TAPE.
13. REPEAT THIS PROCESS TO THE OPPOSITE SIDE OF THE WALL.



**THIS SYSTEM MAY BE INSTALLED USING A PATTESS FIT CONFIGURATION.
PLEASE CONTACT RYANFIRE TECHNICAL SUPPORT
FOR MORE INFORMATION.**

Products:	RYANBATT 502 RYANFIRE MASTIC RYANFIRE SERVOWRAP
Approval:	AS 1530.4/AS 4072.1
BK:	153 / 224 / 329 / 33
Ref:	225FR00046 / 235FR00042 / 255FR00022 / FAS210123
ID:	B / B / B / Table 70
Scenario:	Penetration seal to steel hollow sections
Penetration:	50mm - 250mm SHS
Construction:	102mm FR plasterboard / Masonry wall / KOROK® wall
Fire Integrity:	120 minutes
Fire Insulation:	120 minutes

Web based drawings are for example only. Fire performance of any system is dependant on, but not limited to, size of opening, substrate, if penetrations are passing through, type, size and number. Please refer to Ryanfire technical department for detailed and specific fire performance information.



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Drawing Title

**Ryanbatt 502 to SHS
102mm plasterboard wall**

Scale	Date
NTS	December 2025

Drawing Number	Rev
V64.13	4.0

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